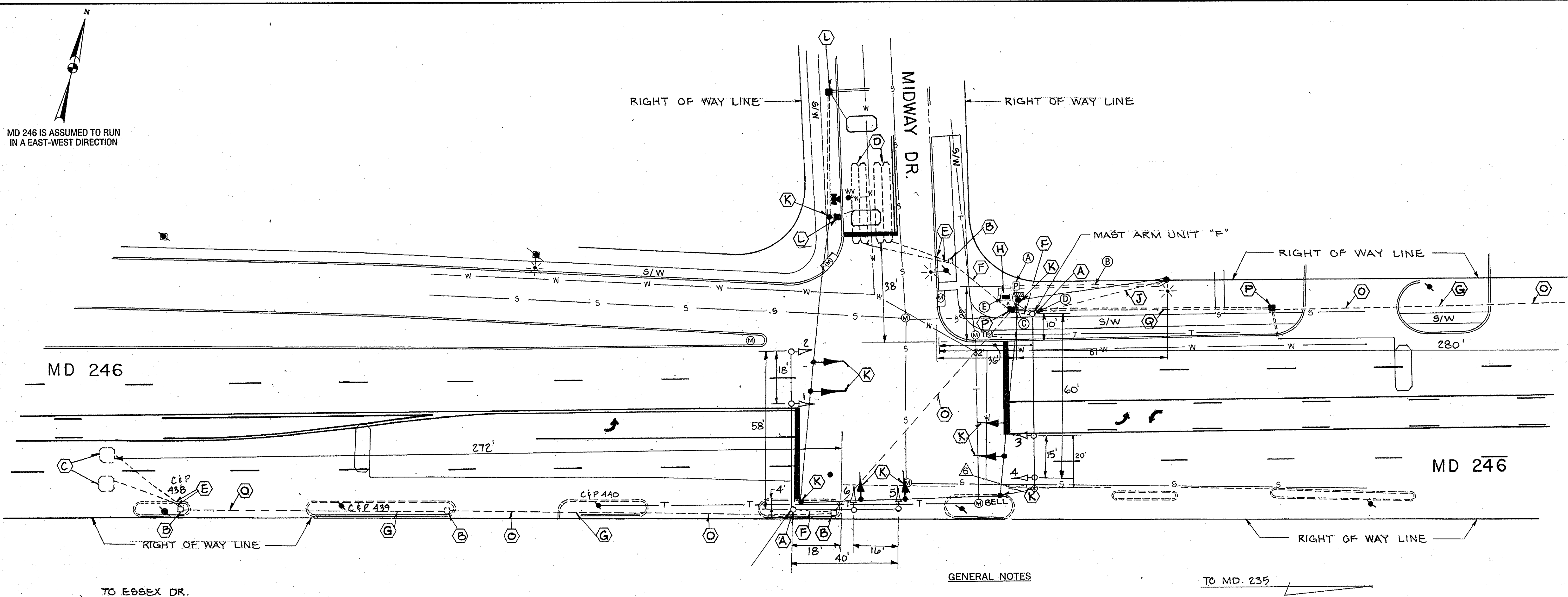


MD 246 IS ASSUMED TO RUN  
IN A EAST-WEST DIRECTION



#### CONSTRUCTION DETAILS

- INSTALL 200 AMP METER SERVICE PEDESTAL.
- INSTALL 4 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED, STUB UP TO BASE OF SOUTHERN MARYLAND ELECTRIC CO-OP POLE.
- THE CONTRACTOR IS TO DISCONNECT AND REMOVE EXISTING POWER FEED CABLE FROM BASE MOUNTED CONTROLLER CABINET AND CONDUIT PIPE, EXCAVATE AREA AROUND CONTROLLER CABINET AND LOCATE EXISTING CONDUIT PIPE, CUT EXISTING CONDUIT PIPE FROM CONCRETE FOUNDATION AND SLEEVE A 45 DEGREE BEND ON THE END OF THE EXISTING CONDUIT AND INSTALL 2 IN. SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED FROM METER SERVICE PEDESTAL TO THE 45 DEGREE BEND.
- AFTER UTILITY COMPANY DE-ENERGIZES EXISTING POWER CONNECTION TO TRAFFIC SIGNAL, REMOVE METER AND DISCONNECT FROM MAST ARM POLE.
- USE EXISTING BASE MOUNTED CONTROLLER CABINET AND INSTALL NEW POWER SERVICE CABLES.

#### GEOMETRIC LEGEND

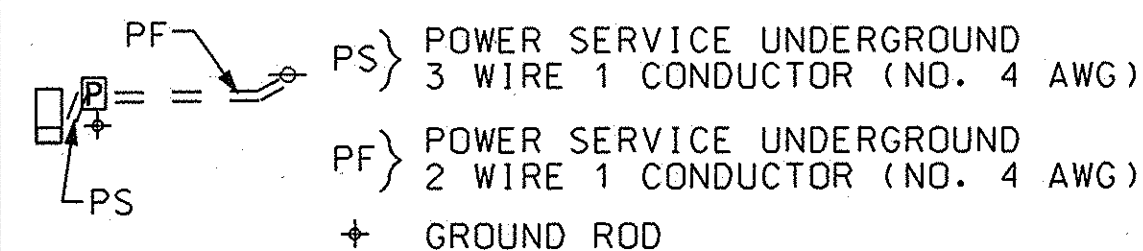
EXISTING

#### UTILITY LEGEND

STORM DRAIN  
GAS MAIN  
WATER MAIN  
SEWER MAIN  
ELECTRIC CABLES  
AERIAL CABLES  
TELEPHONE CABLES  
FIBER-OPTIC

#### WIRING DIAGRAM

##### KEY



#### GENERAL NOTES

TO MD. 235

- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
- THE CONTRACTOR SHALL VERIFY UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
- PRIOR TO ANY SIGNAL MODIFICATION OF THE EXSITING TRAFFIC SIGNAL THE CONTRACTOR SHALL NOTIFY SOUTHERN MARYLAND ELECTRIC CO-OP AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION TO DE-ENERGIZE THE EXISTING TRAFFIC SIGNAL POWER FEED.

#### MATERIAL LIST

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
8012	FURNISH AND INSTALL 2 IN. SCHEDULE 80 PVC 45 DEGREE CONDUIT BEND	EA	1
8013	METER SERVICE PEDESTAL	EA	1
8026	2 INCH SCHED. 80 PVC CONDUIT-TRENCHED	LF	10
8026	4 INCH SCHED. 80 PVC CONDUIT-TRENCHED	LF	60
8038	ELECTRICAL CABLE - 1 CONDUCTOR (NO. 4 AWG) THHN/THWN	LF	185
8052	GROUND ROD - 3/4 INCH DIA. X 10 FOOT LENGTH	EA	1



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APPROVALS
TEAM LEADER
ASST. DIV.
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
SHA CONTRACT NO. 04/707 MODIFY EXISTING TRAFFIC SIGNAL POWER FEED TO METER SERVICE PEDESTAL SWA 10-12-21-86 E ADDED EXTENSION AND RELOCATE SIGNAL NO. 4 SR DAZ EP TH D RELOCATE AND UPDATE SIGNALS AND EQUIPMENT FOR GEOMETRIC IMPROVEMENTS. 10-4-84 TH

<b>SHA</b> STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION	
<b>MD 246 &amp; MIDWAY DRIVE</b> ST. MARY'S COUNTY, MARYLAND	
TRAFFIC SIGNAL PLAN	
SCALE 1"= 20' DATE 08-14-84 CONTRACT NO. AT9365185	
DESIGNED BY P.A.H.	COUNTY ST. MARY'S
DRAWN BY D.A.J.	LOGMILE 18024602.90
CHECKED BY K.J.B.	T.I.M.S. NO. 1051
F.A.P. NO. N/A	TOD NO. N/A
DRAWING NO. TS-365 E	SHEET NO. 1 OF 2

PLOTTED: FRIDAY, APRIL 20, 2007 AT 08:59 AM  
FILE: R:\2004\45 SHA BCS 2004-026 TEDD TRAFFIC\TASK 33\DOWN\MD 246 AND MIDWAY\PSG-P001.REDLIN.DGN